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NEW DEVELOPMENTS IN THE CONSTRUCTION-MATERIALS INDUSTRY

CONSTRUCTION-MATERIALS INDUSTRY COMPLETES 1948 PLAN -- Tikhookeanskaya Zvezda,
No 4, 6 Jan 49

S. Ginzburg, Minister of the Construction-Materials Industry USSR, reports, in a letter to Stalin, that the industry fulfilled the 1948 State plan for gross-production output 112 percent. The plans for production of cement, window glass, slate, paper roofing materials, brick, radiators, construction porcelain, asbestos, asbestos cement pipes and other products, were fulfilled and exceeded. A total of 4,900,000 square meters of window glass above plan were produced, 42 million pieces of slate, 425,000 rolls of paper roofing, 172,000 square meters of radiators, and 20,000 square meters of boilers. Cement production increased 37 percent over 1947; window glass, 26 percent; slate, 35 percent; paper roofing, 22 percent; brick, 60 percent; standard houses, 52 percent; radiators, 41 percent; construction porcelain, 40 percent; asbestos cement pipes, 112 percent.

The prewar level in production of the above products and other construction materials has been exceeded by the industry. Gross output in 1948 exceeded the 1940 output by 30 percent. The industry realized 160,000 rubles in savings during 11 months of 1948.

NEW RAW MATERIAL FOR GLASS INDUSTRY -- Komsunist, No 27, 3 Feb 49

A special commission has been organized by the Geological Institute, Academy of Sciences Armenian SSR, to solve problems of raw material for the glass industry. At the first meeting of the commission, scientific experts, together with plant workers, discussed using waste products of the aluminum industry in the manufacture of glass. It was determined that aluminum waste can completely replace limestone, which, among other materials, is used in the glass industry. The use of aluminum waste will result in considerable economy in the manufacture of glass. It is also possible to manufacture a special type of cement, so-called white cement, from waste aluminum products.

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GLASS PLANT SURPASSES 1948 PLAN -- Krasnoye Znamya, No 3, 5 Jan 49

The glass plant at the Perevoznaya Bay exceeded the 1948 plan and expects to increase output of glass products which are in great demand. Output of lamp glass is to be increased 2½ times, and the plant will start production of 3-liter bottles and glass for "Letuchaya Mysh'" lamps, as well as several products needed by the fish industry. The plant is conducting experiments to obtain glass from sands of Popov Island. Glass made from this sand is practically colorless.

CEMENT PRODUCED FROM WASTE PRODUCTS -- Krasnoye Znamya, No 21, 27 Jan 49

The Primorskiy Kray Construction-Materials Laboratory has conducted a series of experiments on utilizing waste products from brick and lime plants. The experiments have established the possibility of producing low-quality cement from waste products of Hoffmann furnaces after firing brick and also from the residue in lime furnaces after removal of the calcinated lime. The results of these experiments have been confirmed in scientific research institutions in the central region of the Kray. The first shop in the Kray to produce this type of cement has been set up at Brick Plant No 6 at Ugol'naya Station. The shop's output in the near future will be increased to more than 300 tons of cement per month.

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